UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

PNDF-01168

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Total Pages in this Submission

Docket No.

TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application Washington, D.C. 20231

nsmitted herewith for filing under 35 U.S.C	. 111(a) and 37 C.F.R	. 1.53(b) is a new utility patent	application for an
9 ention entitled:		• •	••

#n ∀ en	tion e	entitle	ed:						•
SC	HED	ULIN	IG SYSTE	M AND SCH	EDU .	LING METHOI		AME	8. PTO 4793
and ir	vent	ed by	<i>/</i> :						> <u>0</u>
Kei	nji Ta	naka							11000
lf a C	ONT	INU	ATION AP	PLICATION,	chec	ck appropriate b	ox and supply	the requisite information:	···-
√ Whic	Cont h is a		tion 🗆	Divisional		Continuation	-in-part (CIP)	of prior application No.:	
€_ B	Cont	inua	tion 🗆	Divisional		Continuation	-in-part (CIP)	of prior application No.:	
4	Cont		tion 🗆	Divisional		Continuation	-in-part (CIP)	of prior application No.:	
Enclo	seed :	ara.							
	ocu (al C.				Annlicatio	n Elements		
						Application	Licinomes		
N. 1.	X	Filir	ng fee as c	calculated and	trar	nsmitted as desc	ribed below		
2.	×	Spe	cification	having		56	_ pages and ir	ncluding the following:	
	a.	×	Descripti	ve Title of the	Inve	ention			
	b.		Cross References to Related Applications (if applicable)						
	C.		Statement Regarding Federally-sponsored Research/Development (if applicable)						
	d.		Reference to Microfiche Appendix (if applicable)						
	e.	X	Background of the Invention						
	f.	X	Brief Summary of the Invention						
	g.	X	Brief Description of the Drawings (if drawings filed)						
	h.	X	Detailed Description						
	i.	X	Claim(s) as Classified Below						
	j.	X	Abstract	of the Disclos	ure				

UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

A allow I district that

12.

☑ Preliminary Amendment

Acknowledgment postcard

☐ First Class ☐

☐ Certificate of Mailing

Docket No. PNDF-01168

Total Pages in this Submission

Application Elements (Continued) Drawing(s) (when necessary as prescribed by 35 USC 113) Formal **Number of Sheets** X Informal Number of Sheets 16 (16 Figures) \boxtimes Oath or Declaration Newly executed (original or copy) a. 🛛 Unexecuted b. 🔲 Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only) c. 🛛 With Power of Attorney ☐ Without Power of Attorney d. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b). Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. ☐ Computer Program in Microfiche (Appendix) □ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included) a. 🔲 Paper Copy b. Computer Readable Copy (identical to computer copy) Statement Verifying Identical Paper and Computer Readable Copy **Accompanying Application Parts** ☐ Assignment Papers (cover sheet & document(s)) ☐ 37 CFR 3.73(B) Statement (when there is an assignee) ☐ English Translation Document (if applicable) ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations

Express Mail (Specify Label No.): HAND DELIVERED

UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. PNDF-01168

Total Pages in this Submission

	Accompanying Application Parts (Continued)
15.	Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.	Additional Enclosures (please identify below):
	Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)
17. The start start of the start sta	Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.
	Warning
saily all girth all water girth all sails sails and sails sails sails sails sails sails sails sails	An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. PNDF-01168

Total Pages in this Submission

Fee Calculation and Transmittal

BASIC FEE \$740.00 STHER FEE (specify purpose) TOTAL FILING FEE \$794.00 A check in the amount of \$794.00 to cover the filing fee is enclosed. The Commissioner is hereby authorized to charge and credit Deposit Account No. 23-1951 as described below. A duplicate copy of this sheet is enclosed. Charge the amount of as filing fee. Credit any overpayment. Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17. Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b). Michael E. Whitham	***							·		
### First Claims 1	And And			CLAIMS A	AS FILED					
### First Claims 1	7 mgr 1	For	#Filed	#Allowed	#Extra		Rate	Fee		
### BASIC FEE \$740.00 STHER FEE (specify purpose)		Claims	23	- 20 =	3	х	\$18.00	\$54.00		
BASIC FEE \$740.00 Only TOTAL FILING FEE \$794.00 A check in the amount of \$794.00 to cover the filing fee is enclosed. The Commissioner is hereby authorized to charge and credit Deposit Account No. 23-1951 as described below. A duplicate copy of this sheet is enclosed. Charge the amount of as filing fee. Credit any overpayment. Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17. Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b). Michael E. Whitham Reg. No. 32,635 McGuireWoods LLP 1750 Tysons Boulevard, Suite 1800	lndep.	ndep. Claims 3 - 3 = 0 x \$84.00								
### TOTAL FILING FEE \$740.00 A check in the amount of \$794.00 to cover the filing fee is enclosed. The Commissioner is hereby authorized to charge and credit Deposit Account No. 23-1951 as described below. A duplicate copy of this sheet is enclosed. Charge the amount of as filing fee. Credit any overpayment. Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17. Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b). Michael E. Whitham Reg. No. 32,635 McGuireWoods LLP 1750 Tysons Boulevard, Suite 1800	90	\$0.00								
TOTAL FILING FEE \$794.00 A check in the amount of \$794.00 to cover the filing fee is enclosed. The Commissioner is hereby authorized to charge and credit Deposit Account No. 23-1951 as described below. A duplicate copy of this sheet is enclosed. Charge the amount of as filing fee. Credit any overpayment. Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17. Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b). Michael E. Whitham Reg. No. 32,635 McGuireWoods LLP 1750 Tysons Boulevard, Suite 1800	BASIC FEE									
A check in the amount of \$794.00 to cover the filing fee is enclosed. The Commissioner is hereby authorized to charge and credit Deposit Account No. 23-1951 as described below. A duplicate copy of this sheet is enclosed. Charge the amount of as filing fee. Credit any overpayment. Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17. Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b). Michael E. Whitham Reg. No. 32,635 McGuireWoods LLP 1750 Tysons Boulevard, Suite 1800	24 H	野日								
A check in the amount of \$794.00 to cover the filing fee is enclosed. The Commissioner is hereby authorized to charge and credit Deposit Account No. 23-1951 as described below. A duplicate copy of this sheet is enclosed. Charge the amount of as filing fee. Credit any overpayment. Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17. Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b). Michael E. Whitham Reg. No. 32,635 McGuireWoods LLP 1750 Tysons Boulevard, Suite 1800	in the state of						TOTAL FILING FEE	\$794.00		
	The Commissioner is hereby authorized to charge and credit Deposit Account No. 23-1951 as described below. A duplicate copy of this sheet is enclosed. Charge the amount of as filing fee. Credit any overpayment. Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17. Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b). Michael E. Whitham Reg. No. 32,635 McGuireWoods LLP 1750 Tysons Boulevard, Suite 1800									
cc: (703)712-5000	cc:									